

ABSTRACT OF THE DISCLOSURE

A direct expansion refrigerant-based heating and cooling system which includes a refrigerant pumping devise calibrated to ease or eliminate the pumping requirements placed upon the system's compressor unit when one or both of 5 significant system height differentials between the compressor unit and the condensing unit are present and significant system refrigerant fluid transport line distances are present, or are desirable, such as in a deep well direct expansion system application.»

TECHNICAL REPORT